

Abstract

[0033] Compositions for immersion liquid materials and
associated immersion lithography systems and techniques.
Examples of polymer or oligomer-based immersion liquids are
5 described to exhibit superior material properties for immersion
lithography in comparison with water and some other commonly-
used immersion liquids. In addition, certain material additives
may be added to water and water-based immersion liquids to
improve the performance of the immersion liquids in immersion
10 lithography.

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